

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

Physical Required: General physical, Diabetes, BP, Vision, Back strength and lifting and Audiogram.

PATIENT NAME: _____

JOB TITLE: Engineer I

DEPARTMENT: Development and Environmental Svcs. WORK SCHEDULE: 40/week

JOB DESCRIPTION: Manage a team of project support engineers assigned to evaluate land development projects throughout King County.

WORK ENVIRONMENT: Office with some field.

ESSENTIAL FUNCTIONS: Provide leadership, training and supervision of engineers and technical staff.

Perform the review and approval of preliminary subdivisions and engineer design plans for residential land development. Manage work programs, establish goals and communicate effectively with managers, private consultants and citizen groups. Coordinate and control work assignments, scheduling and perform quality control of engineering work. Evaluate engineering plans for a wide variety of design issues, including drainage control, road design and environmental impacts. Perform fieldwork to evaluate site constraints and land development design criteria. Attend public hearings to provide testimony regarding land use regulations and design standards. Review environmental documents and coordinate issues with multidisciplinary teams. Evaluate required changes and design alternatives to projects and determine the effects on scope of work. Implement various land use regulations including King County Road Standards, surface water design manual, sensitive area codes and state Environmental Policy Act (SEPA). Prepare written reports and correspondence requiring technical or legal explanations.

Exposures:

- Outside weather
- Non-weather related temp below 55°
- Non-weather related temp above 75°
- Humidity/dampness
- Moving mechanical parts
- Exposed high places
- Vibration
- Toxic or caustic chemicals
- Confined spaces
- Wet
- Gasses
- Fumes
- Odors
- Dusts
- Mists
- Radiation
- Explosives
- Noise Level 40-90 DBL
- Other Pepper Spray

Special Requirements:

- CDL
- Respirator use

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 5 hours
Walking <input type="checkbox"/> uneven terrain	1 – 4 hours
Sitting	1 – 3 hours
Climbing stairs	0 – 1 hours
Climbing <u>ladder</u>	0 – 5 minutes
Balancing	0 – 5 minutes
Bending/Stooping	0 – 5 minutes
Kneeling	0 – 5 minutes
Crouching	0 – 5 minutes
Crawling	0 – 5 minutes
Foot controls	1 – 4 hours
Reaching above shoulders	1 – 1.5 hours
Reaching waist-shoulder	5 – 8 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	1 – 2 hours
Reaching floor-knee	0 – 1 hour
Lifting/Carrying 1-10#	1 – 2 hours
Lifting/Carrying 11-20#	0 – 1 hour
Lifting/Carrying 21-50#	0 – 5 minutes
Lifting/Carrying 51-100#	0 – 5 minutes
Lifting/Carrying 100+#	0 – 5 minutes
Handling	6 – 7 hours
Hand Controls	1 – 4 hours
Fingering <input type="checkbox"/> keyboarding	3 – 5 hours
Vision to assure safety of others	0 – 7 hours
Hearing to assure safety of others	0 – 7 hours
Stream walking	0 – 30 minutes
Jumping (4 feet)	0 – 15 minutes

I have reviewed the following Job Analysis for the

above-named candidate.

Physician's Signature

Date